

500.36133CC2

#4  
jc997 U.S. PRO  
10/084222  
02/28/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: SHIMOKAWA et al.

Serial No.: Rule 53(b) of 09/044,163

Filed: February 28, 2002

For: DATA STRUCTURE IN DATABASE, DATABASE SYSTEM FOR  
MANAGING DATABASE AND DATABASE AND DATABASE  
MANAGING METHOD AND SYSTEM

Art Unit: Unassigned (2171 previously in parent application)

Examiner: Unassigned (U. Le previously in parent application)

**INFORMATION DISCLOSURE STATEMENT -  
LISTING ART FROM PRIOR APPLICATION(S)**

Commissioner for Patents  
Washington, D.C. 20231

February 28, 2002

Sir:

Attention is directed to MPEP §904 which states that, "In all continuing applications, the parent applications should be reviewed by the examiner for pertinent prior art.", and further states that the fact of review "...should be made of record in accordance with the procedure set forth ...[in] ...MPEP §717.05." Applicant respectfully notes that the present application is related to prior application Serial No. 09/044,163, filed on March 19, 1998.

Further, attention is directed to MPEP §609 which states that a list of the information (e.g., prior art) which was cited or submitted in a parent application "...need not be submitted in the continuing application unless the applicant desires the information to be printed on the patent." As Applicant desires that all prior art information from the prior application(s) be printed on any patent from the present

application, enclosed herewith, for Examiner initialling, is an appropriate number of Form PTO-1449s listing art cited in such prior application(s). In addition to the submitted PTO-1449s, it is respectfully requested that the Examiner perform independent review of the prior application(s) and utilize any necessary Form PTO-892s to ensure that all known prior application art is considered and listed on any patent from the present application.

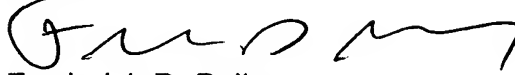
No copies of such art are being provided herewith in that 37 CFR §1.98(d) states, "A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 USC §120", i.e., it is respectfully submitted: that pertinent prior application(s) have been properly identified above; that such art was previously cited or submitted (and thus is available) in such prior application(s); and that such prior application(s) are relied upon for an earlier filing date under 35 USC §120.

Pursuant to 37 CFR §1.97(b)(1) and (3), this Information Disclosure Statement is being submitted within three months of the filing date of the above-identified national application or before the mailing date of the first Office Action on the merits. Accordingly, no fee is believed necessary.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135

(referencing Case No. 500.36133CC2) and please credit any excess fees to such deposit account.

Respectfully submitted,



Frederick D. Bailey  
Registration No. 42,282  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

FDB/pay  
(703) 312-6600

Attachments:  
Form PTO-1449

FORM PT -1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
500.36133CC2

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APPLICANT  
SHIMOKAWA et al.

FILING DATE  
February 28, 2002

GROUP  
Unassigned

JC997 U.S. PTO  
10/084222  
02/28/02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 9 3 3 8 2 0	8/99	BEIER et al.	707	1	
	5 6 2 3 6 3 9	4/97	YAZAKI et al.	711	167	
	4 9 5 4 9 8 1	9/90	DEHNER, Jr. et al.	364	900	
	4 6 4 8 0 3 6	3/87	GALLANT	707	203	
	4 6 4 6 2 2 9	2/87	BOYLE	707	203	
	4 9 6 1 1 3 4	10/90	CRUS et al.	707	8	
	5 8 5 9 6 6 2	1/99	CRAGUN et al.	348	13	
	4 8 2 3 3 1 0	4/89	GRAND	707	8	
	5 8 9 0 2 0 2	3/99	TANAKA	711	111	
	5 2 6 1 0 6 9	11/93	WILKINSON et al.	711	145	
	5 8 7 8 4 1 0	3/99	ZBIKOWSKI et al.	707	2	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	C.J. Date, "An Introduction to Database Systems, 3.4 Indexing" Addison-Wesley, 1986, pp. 68-77.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**FORM PTO-1449** U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 2 8 0 6 1 2	1/94	LORIE et al.	707	8	
	5 8 3 5 9 1 5	11/98	CARR et al.	707	202	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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